#include "stdafx.h"

#include <iostream>

#include <math.h>

#include <conio.h>

#include <stdlib.h>

using namespace std;

void main()

{

float x, y, f, pi, r, i,y1 ;

cout << "enter kind of works \n ";

cin >> r;

x = 13;

pi = 3.14;

if (r == 1) y = fabs(((x + 6.2) \* 1 / tan(5 \* x)) / ((3.2\*x + 5)\*(3 \* x - 4) + pi\*(x - 2.5))+50);

else

if(r == 2) y = fabs((((sqrt(2 \* pow(x, 2) + 1.5)) / sin(3 \* x)\*(2 \* x - 7)) + exp(-3 \* x))+ 100);

else

y = fabs(7.4\*cos(x) + ((5.7\*x - 3 + log(fabs(4 \* x))) / (x - 1.2\*x)\*(x + 3.5)))+135;

if (r == 1) y1 = fabs(((x + 6.2) \* 1 / tan(5 \* x)) / ((3.2\*x + 5)\*(3 \* x - 4) + pi\*(x - 2.5))+ 50)\*0.1;

else

if (r == 2) y1 = fabs((((sqrt(2 \* pow(x, 2) + 1.5)) / sin(3 \* x)\*(2 \* x - 7)) + exp(-3 \* x)) + 100)\*0.15;

else

y1 = (fabs(7.4\*cos(x) + ((5.7\*x - 3 + log(fabs(4 \* x))) / (x - 1.2\*x)\*(x + 3.5))) + 135)\*0.2;

i = y - y1;

cout << "deductions=" << y1<<"\n";

cout << "salary=" << y << "\n";

cout << "salary to pay=" << i << "\n";

system("pause");

}